

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1B. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## D. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Ironwood Exploration Co., Inc.

## 3. ADDRESS OF OPERATOR

7069 South Highland Drive, Salt Lake City, UT 84121

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2086' FSL &amp; 2186 FWL

At proposed prod. zone

Upper Wasatch - Lower Green River

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

18 Miles Southeast of Duchesne, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 2086'  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

480

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

6300

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Gr 5917

## 22. APPROX. DATE WORK WILL START\*

ASAP

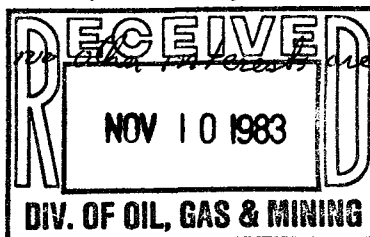
## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24	400	To Surface
7 7/8	5 1/2	15 1/2	TD	As Required

Request exception loc due to topography

Ironwood controls the oil & gas leases within a 660' radius of  
the exception location therefore no other interests are affected



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

TITLE

Exploration Manager

DATE

10/14/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

C-3-C  
M  
11-10-83

Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Parachute member of Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers.

OPERATOR IRONWOOD EXPLORATION CO INC

DATE 11-10-83

WELL NAME UTE TRAIL 12-11

SEC NESW 12 T 5S R 4W COUNTY DUCHESNE

43-013-30854  
API NUMBER

INDIAN  
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX

☐ MAP

☐ HL

☐ NID

☐

☐ PI

PROCESSING COMMENTS:

WATER OK

NO OIL WELLS WITHIN 1000'

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 11-10-83

BY: [Signature]

✓ CHIEF PETROLEUM ENGINEER REVIEW:

11/11/83

✓ Exception location:

APPROVAL LETTER:

SPACING: ☐ A-3 \_\_\_\_\_ UNIT

☐ c-3-a \_\_\_\_\_ CAUSE NO. & DATE

☐ c-3-b

☒ c-3-c

SPECIAL LANGUAGE:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER NO

☐ UNIT NO

☐ c-3-b

☒ c-3-c

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 01-18-2011 BY 60322  
REVIEWED BY THE BUREAU

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

☒ VERIFY LEGAL AND SUFFICIENT DRILLING WATER



HALLIBURTON

## JOB LOG HAL-2013-C

DATE

10-28-94

PAGE NO.

CUSTOMER

WISCO

WELL NO.

12-5

LEASE

GULF

JOB TYPE

PTA

TICKET NO.

744510

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0630							ON LOCATION
	0800	17	0			600		START FRESH DOWN ANNULAR
	0806	5	5			300		END FRESH
	0810	15	0			700		START 25 SK CEMENT 2% CC 1.15 <sup>cu</sup> /FT 15-8 <sup>#</sup>
	0820	2.5	5			600		END CEMENT
	0820	15	0			600		START DISP.
	0822	0	1			500		CLEAR PUMP LINES CLOSE VALVE
								HOOK UP TO TUBING 6-4890
	0825	2	0					START FRESH FILL HOLE
		2	5			500		HOLE FULL TEST
						0		CASING VALVE LEAK CHANGE OUT
	0835					500		TCST
	0840							GOOD
	0845	4	0					START FRESH
	0846	4	5					END FRESH
	0846	4	0					START 10 SK CEMENT 1.15 <sup>cu</sup> /FT 15-8 <sup>#</sup>
	0847	4	2					END CEMENT
	0847	4	0					START DISP.
	0852		27.5					END DISP POOH TO 2800 FT
	0955	4	0					START FRESH
	0957	9	5					END FRESH
	1000	4	0					START 40 SK CEMENT 1.15 <sup>cu</sup> /FT 15-8 <sup>#</sup>
	1002	4	8					END CEMENT
	1002	4	0					START DISP.
	1006	0	14					END DISP POOH TO 650
	1140	4	0					START FRESH
	1142	4	5					HOLE FULL
	1142	4	0					START 100 SK CEMENT 1.15-15-8 <sup>#</sup>
	1147	0	28					END CEMENT POOH
	1215		20					TOP OFF 5 1/2

FIELD OFFICE

Lease: UTE TRIBAL  
Well #: 12-11

Spud Date: 11/29/1983  
KB: 5933  
TD: 61110

Comp Date: 01/23/1984  
ELEV: 5917  
PBSD: 0

API #: 43-013-30854-  
Location: Sec 12 Twn 05S Rng 04W  
County: DUCHESNE  
State: UTAH  
Field: BRUNDAGE CANYON  
Operator: IRONWOOD EXPLORATION INC.

	Start End	Size Length	Description
0-	0.0	12.250	Hole: SURFACE
	322.0	322.0	
	0.0		Cement: 225SX
	322.0	322.0	
	0.0	8.625	Casing: 24#
	322.0	322.0	
620-			
1240-			
1860-			
2480-			
3100-			
3720-			
4340-			
4960-			
	5313.0		Perf: 1 SPF
	5328.0	15.0	
5580-			
	322.0	7.875	Hole: PRODUCTION
	6129.0	5807.0	
	0.0	5.500	Casing: 17#
	6129.0	6129.0	
	0.0		Cement: 885 SX
	6129.0	6129.0	

November 10, 1983

Ironwood Exploration Company, Inc.  
8080 South Highland Drive  
Salt Lake City, Utah 84121

RE: Well No. Ute Tribal 12-11  
N8SW 58c. 12, T. 5S, R. 4W  
2086' PSL, 2186' FWL  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30854.

Sincerely,

Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Branch of Fluid Minerals  
Bureau of Indian Affairs  
Encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

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WELL ☐OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
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Gr 5917

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RECEIVED  
NOV 29 1983DIVISION OF  
OIL, GAS & MINING

NOV 10 1983

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24.

SIGNED

*Richard D. Pender*

TITLE

Exploration Manager

DATE

10/14/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*J. L. Ferguson*

TITLE

DISTRICT MANAGER

DATE

11/28/83

NOTICE OF APPROVAL

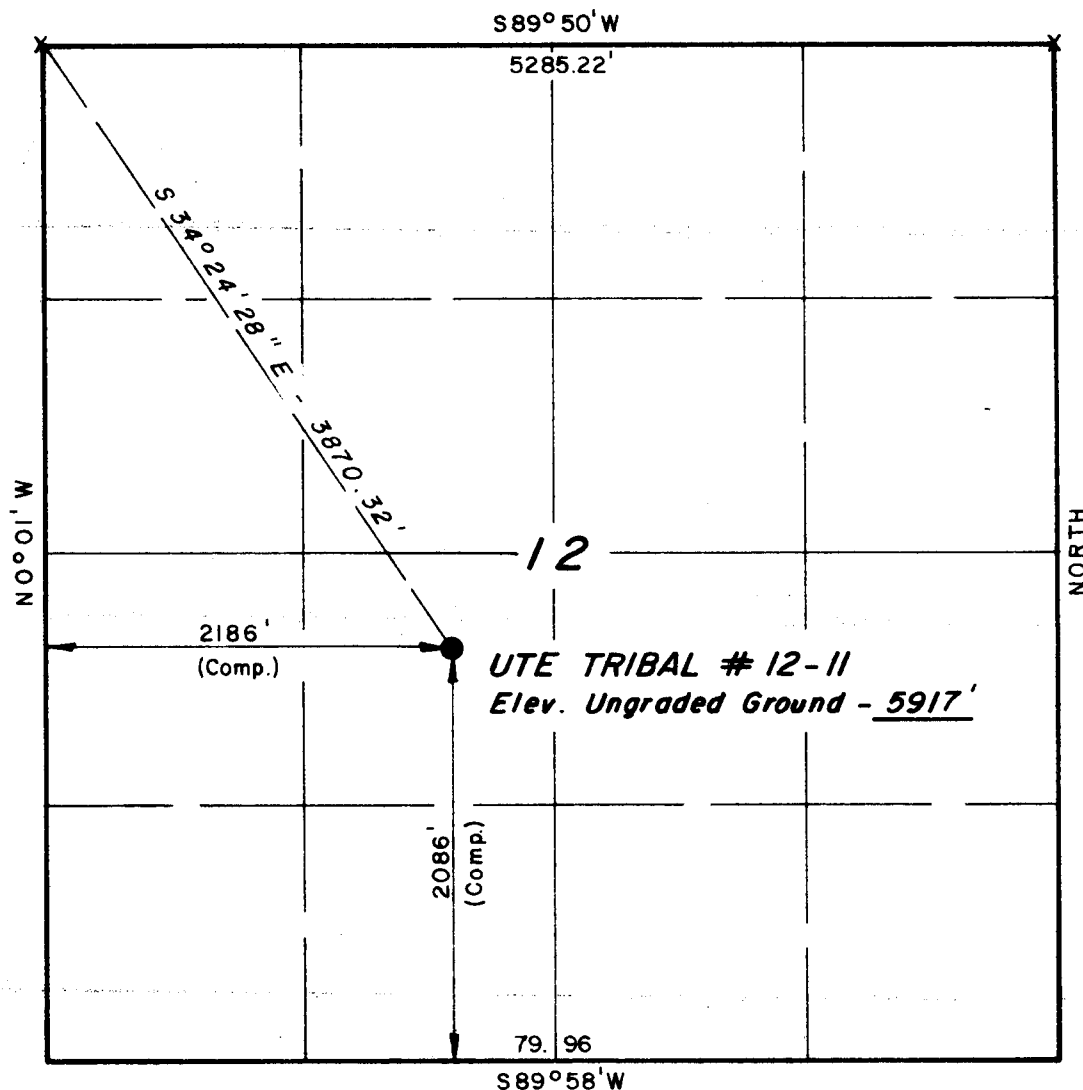
CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPYFLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80UT-080-4-M-009  
State Oil, Gas & Mining



**T5S, R4W, U.S.B. & M.**

PROJECT  
**IRONWOOD EXPLORATION**

Well location, **UTE TRIBAL #12-II**,  
located as shown in the NE1/4SW1/4  
Section 12, T5S, R4W, U.S.B. & M.  
Duchesne County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

Revised 10/20/83

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	10/10/83
PARTY	DA DB RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	IRONWOOD

Ironwood Exploration Company  
Ute Tribal #12-11  
NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , Sec. 12, T5S, R4W  
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of upper Eocene age

2. ESTIMATED TOPS OF IMPORTANT-GEOLOGIC MARKERS:

Uinta	Surface
Green River	1071
Wasatch	5953

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River formation  
Wasatch formation

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'  
5 $\frac{1}{2}$ ", J-55, 15 $\frac{1}{2}$ #, Stc; set at TD  
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for control equipment are as follows:  
A 10" series 900 Hydrill bag type BOP and a 10" double ram hydraulic unit with a closing unit will be utilized. Pressure tests of the BOP's to 1000# will be made prior to drilling surface plug and operations will be checked daily (see exhibit A).

6. TYPE AND CHARACTERISTICS OF PROPOSED CIRCULATION MUDS:

It is proposed that the hole drilled with fresh water to the Douglas Creek zone of the Green River formation and will mud thereafter. The mud system will be a water based gelchemical, weighted to 10.0 p.p.g. as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly cock, bit float and a T.I.W. valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring on drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a compensated Neutron-formation density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures to temperatures will be encountered; nor any other abnormal hazards such as H<sub>2</sub>S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately November 20, 1983.

IRONWOOD EXPLORATION INC.

10 Point Well Program

for

Well Location

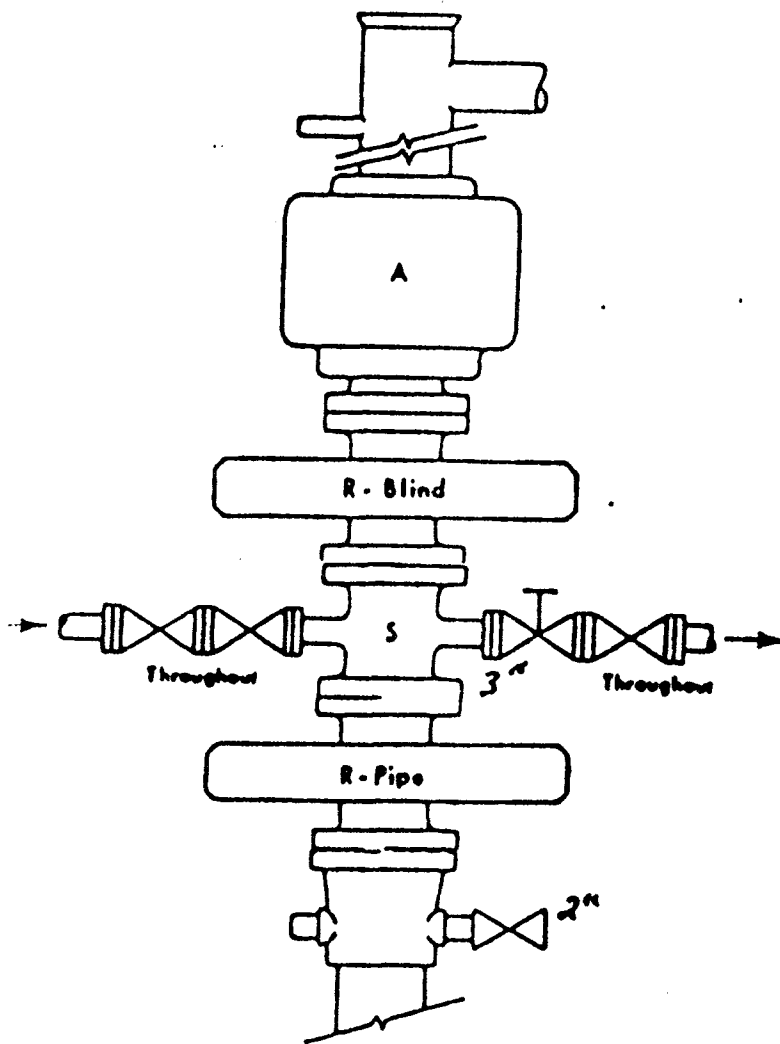
Ute Tribal #12-11

Located In

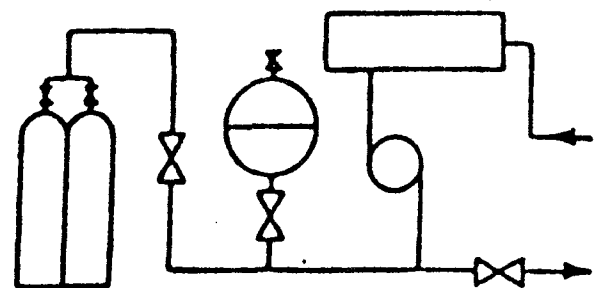
Sec. 12, T5S, R4W, U.S.B. & M

Duchesne County, Utah

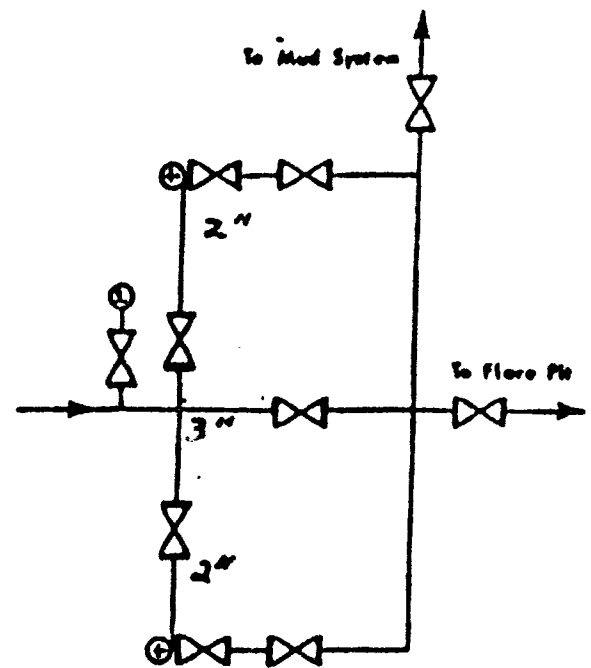
PRESSURE RATING  
3,000 psi



BLOWOUT PREVENTION STACK



ACCUMULATOR SYSTEM



Flanged Connections Throughout

MANIFOLD SYSTEM

IRONWOOD EXPLORATION

13 Point Surface Use Plan

For

Well Location

Ute Tribal #12-11

Located In

Section 12, T5S, R4W, U.S.B. & M.

Duchesne County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach IRONWOOD EXPLORATION well location site Ute Tribal #12-11, located in the NE 1/4 SW 1/4 Section 12, T5S, R4W, U.S.B. & M., from Myton, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 + 8.6 miles to the Junction with an improved county road to the Southwest; proceed Southwesterly along this road 8.4 + miles to its junction with an existing County road which proceeds in a Southerly direction; proceed along this road 0.3 miles to its junction with the proposed access road (to be discussed in item #2).

U.S. Highway 40 is a bituminous surface road from Myton to the beginning of the county road. This highway is maintained by state road crews. The county road described above is a dirt road that was constructed out of the materials accumulated during its construction. The county road is maintained by Duchesne County Forces.

There is no anticipated construction on any other of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling, completion, and production phases of this well.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the NW 1/4 SW 1/4 Section 12, T5S, R4W, U.S.B. & M., and proceeds in a Northeasterly direction approximately 0.5 miles to the proposed location site.

All construction, rehabilitation, and maintenance on these roads will meet the standards set forth in the surface operating standards for Oil & Gas Exploration & Development Manuel.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area. Maximum width of total disturbed area will not exceed 30'.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

All operators, subcontractors, vendors, and their employees or agents will be confined to established roads and well sites.

All trees four inches or larger in diameter shall be cut and bucked into four foot lengths and neatly staked adjacent to the access road or drill pad. All trees less than four inches in diameter will be cut and trampled by the heavy equipment.

Operators, subcontractors, vendors, and their employees or agents will not gather firewood without a duly granted wood permit.

There should be no additional fill materials required along this road. Water to be used during the construction of the road and drill pad and the drilling of the well will be purchased from irrigation rights in Antelope Creek.

All artifacts found on Tribal Lands shall be left in place and the B.I.A. promptly notified.

All surface and mineral rights belong to the Ute Tribe.

All trash, litter, construction materials, etc., will be kept off of the road way and drill pad. The operator will initiate procedures to keep the site free from litter and keep them groomed and in a neat and professional condition.

Weed control will be coordinated with the B.I.A. Range Conservationist or soil scientist.

### 3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known water wells, producing wells, abandoned wells, temporarily abandoned wells, drilling wells, shut in wells, injection wells, monitoring or observation wells for other resources within a one-mile radius of this location site.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

At the present time there are no known IRONWOOD EXPLORATION production facilities, tank batteries, oil gathering lines, gas gathering lines, injection lines, or disposal lines within a one-mile radius of this location site.

In the event that production is established at this location site, all production will be contained within the area of the proposed location site. It is not known at this time what future production facilities will be required at this well site. In the event production is established plans will be submitted to the proper authorities in detail stating the proposed containment and transportation of the produced fluids. Any area required for any future production facilities will be constructed using bull dozers, graders, and workman crews to construct and place the facilities.

If there are any deviations from the above paragraphs, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed within 90 days after completion with the methods described in the rehabilitation section. Stockpiled topsoil will be used in reclaiming the unused areas.

All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earthtone color to match the standard environmental colors Rocky Mountain 5 State Interagency Committee. All facilities shall be painted within six months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) are excluded.

Tank batteries will be placed on the Northeast corner of the location.

Vegetation will be placed on the South side of the location.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used in the drilling of this well will be hauled by truck over the existing road described in Item #1 from Antelope Creek in Section 6, T5S, R3W, U.S.B. & M. approximately 3.3 miles by road Northeast of the proposed location site.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made to acquire the water from other sources and will be hauled by truck over portions of the roads that are described in Items #1 and #2.

The local governmental agencies and any other parties involved will be notified of any deviations and all governing guidelines and regulations will be strictly adhered to.

There will be no water well drilled at this location site.

#### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soil and sandstone and shale material gathered during the actual construction of the road and location.



7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

The reserve pit will be lined with native clay.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

All garbage and other waste material will be contained in a trash basket made of small mesh wire and will be taken to the nearest sanitary landfill for disposal upon completion of the well. No burning will be allowed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

All of the agencies shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, the top 6 to 10 inches of topsoil shall be stripped and stockpiled. (See Location Layout Sheet). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

The drainage re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

As mentioned in Item #7, the reserve pit will be completely fenced with a wire mesh fence and topped with at least one strand of barbed wire, and wired with overhead wire and flagging installed. If there is oil in the pits, it will be allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days. The operator or his contractor will notify the B.I.A. and Vernal District B.L.M. Diamond Mountain Resource Area 48 hours prior to beginning any work on Tribal land for restoration purposes.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. Prior to reseeded the ground will be scarified and left with a rough surface. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

The access road will be blocked to prevent any vehicle use.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "B").

The area is at the Southwest end of the Uintah Basin which is formed by the Book Cliff Mountains and the Green River to the South and the Uinta Mountains to the North. The area is interlaced with numerous canyons and ridges formed in sandstone, cobblerock, conglomerate, and shall deposits.

The majority of the smaller drainages are of a non-perennial nature with normal flow limited to the early spring run-off and heavy thunderstorms or rainstorms of high intensity that last over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation, (the Fluvial Sandstone and Mudstone) from the

IRONWOOD EXPLORATION  
Ute Tribal #12-11  
Section 12, T5S, R4W, U.S.B. & M.

Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poor gravels and shales and outcrops of rock (sandstone, mudstone, conglomerate, and shale).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti, on the upper benches with cottonwoods, beach, willows, Russian Olives, and grasses along the lower levels close to the wet areas and streams.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. The area is used by man for the primary purpose of grazing domestic livestock.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

#### The Topography of the Immediate Area - (See Topographic Map "B")

Ute Tribal #12-11 sits on a hillside above Nutters & Sowers Canyons which drain to the Northeast. The ground slopes through the location site to the Northwest at a 5.0% slope.

The immediate area around this location is vegetated by sagebrush and grasses, with sparse amounts of Juniper and Pinion Pine.

There are no occupied dwellings or other facilities of this nature in the general area.

All lands that will be damaged by this location site are on Ute Tribal lands.

It will be determined by a certified archeologist whether there are any archeological findings in the immediate area of this location site.

There are no historical, or cultural sites within any reasonable proximity of the proposed location site.

#### 12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Dick Poulson  
IRONWOOD EXPLORATION  
7069 South Highland Drive  
Salt Lake City, UT 84121  
1-801-943-2490

#### 13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the

IRONWOOD EXPLORATION  
Ute Tribal #12-11  
Section 12, T5S, R4W, U.S.B. & M.

work associated with the operation proposed herein will be performed by  
IRONWOOD EXPLORATION and its contractors and subcontractors in conformity  
with this plan and the terms and conditions under which it is approved.

11 / 9 / 83  
\_\_\_\_\_  
Date

Richard D. Poulson  
Dick Poulson

# IRONWOOD EXPLORATION

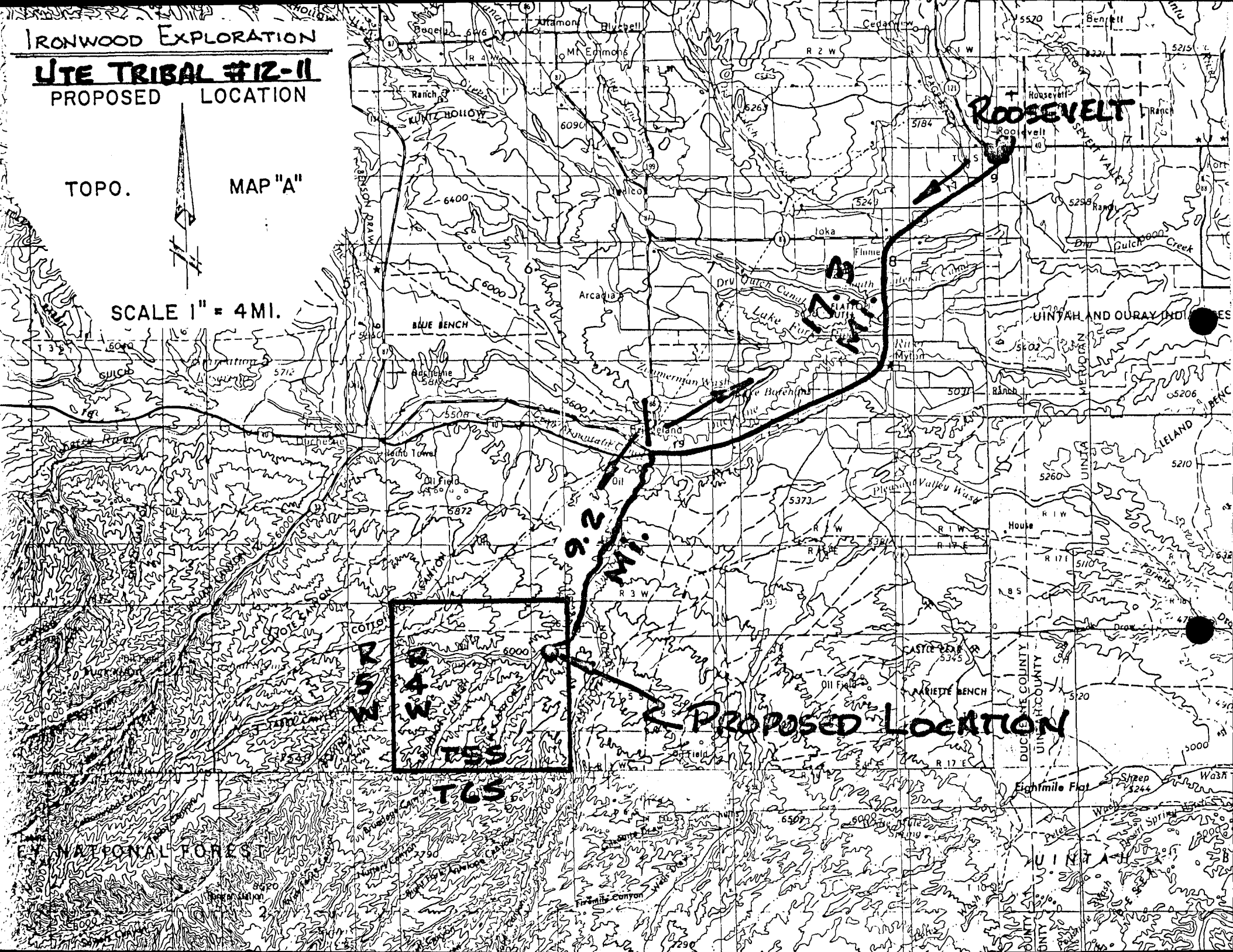
## UTE TRIBAL #12-II

PROPOSED LOCATION

TOPO.

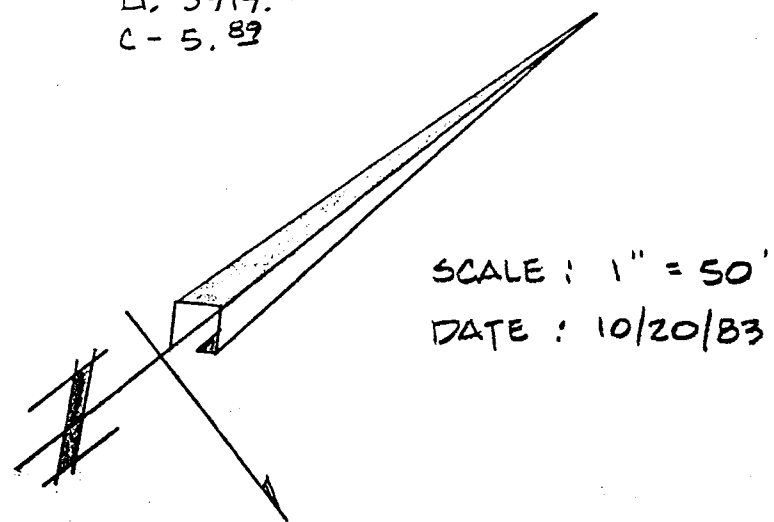
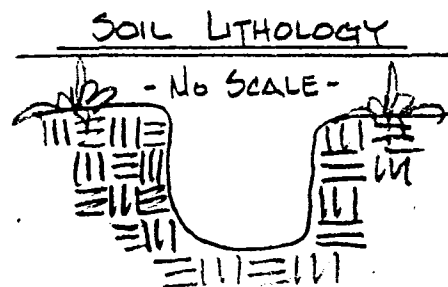
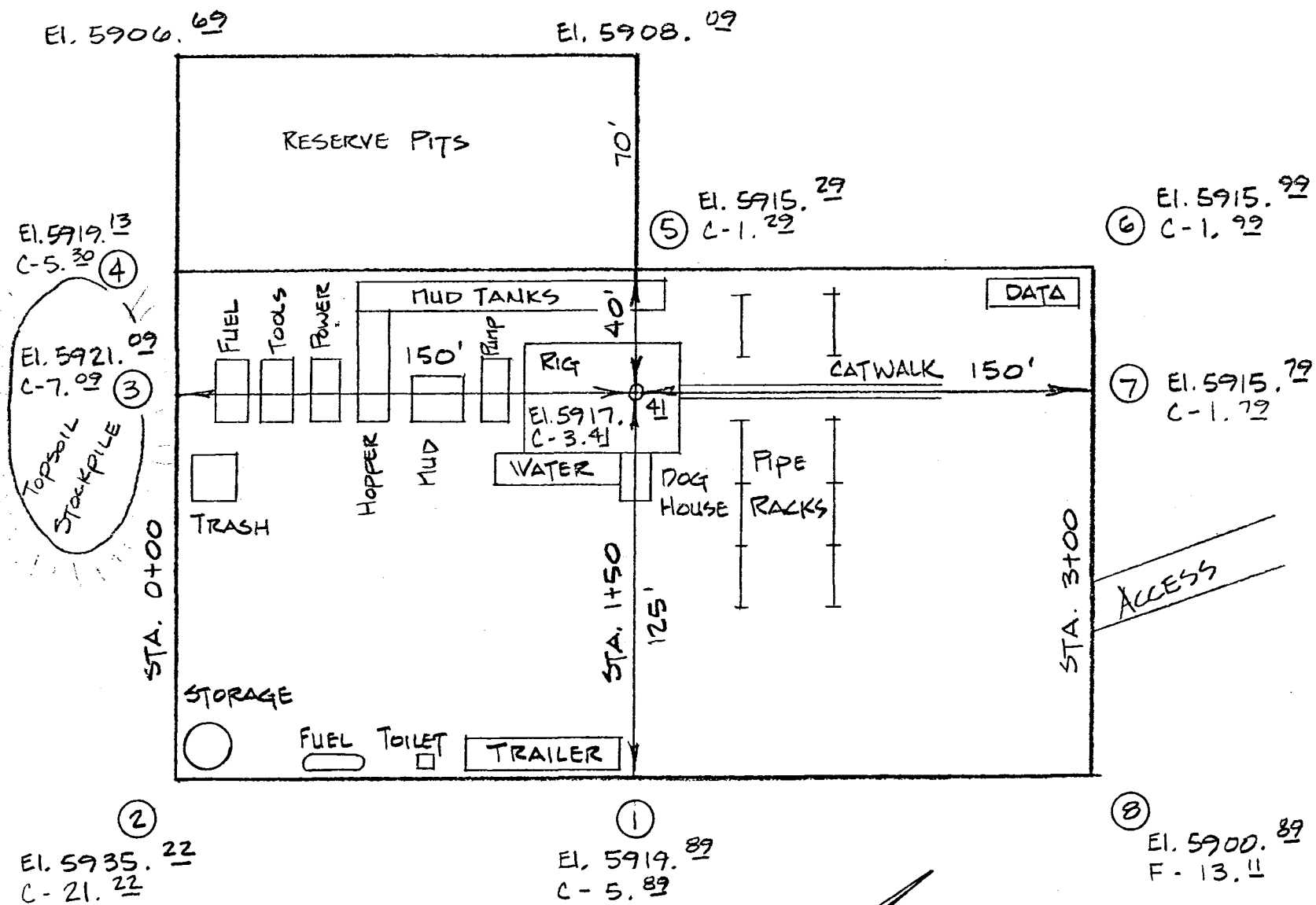
MAP "A"

SCALE 1" = 4 MI.



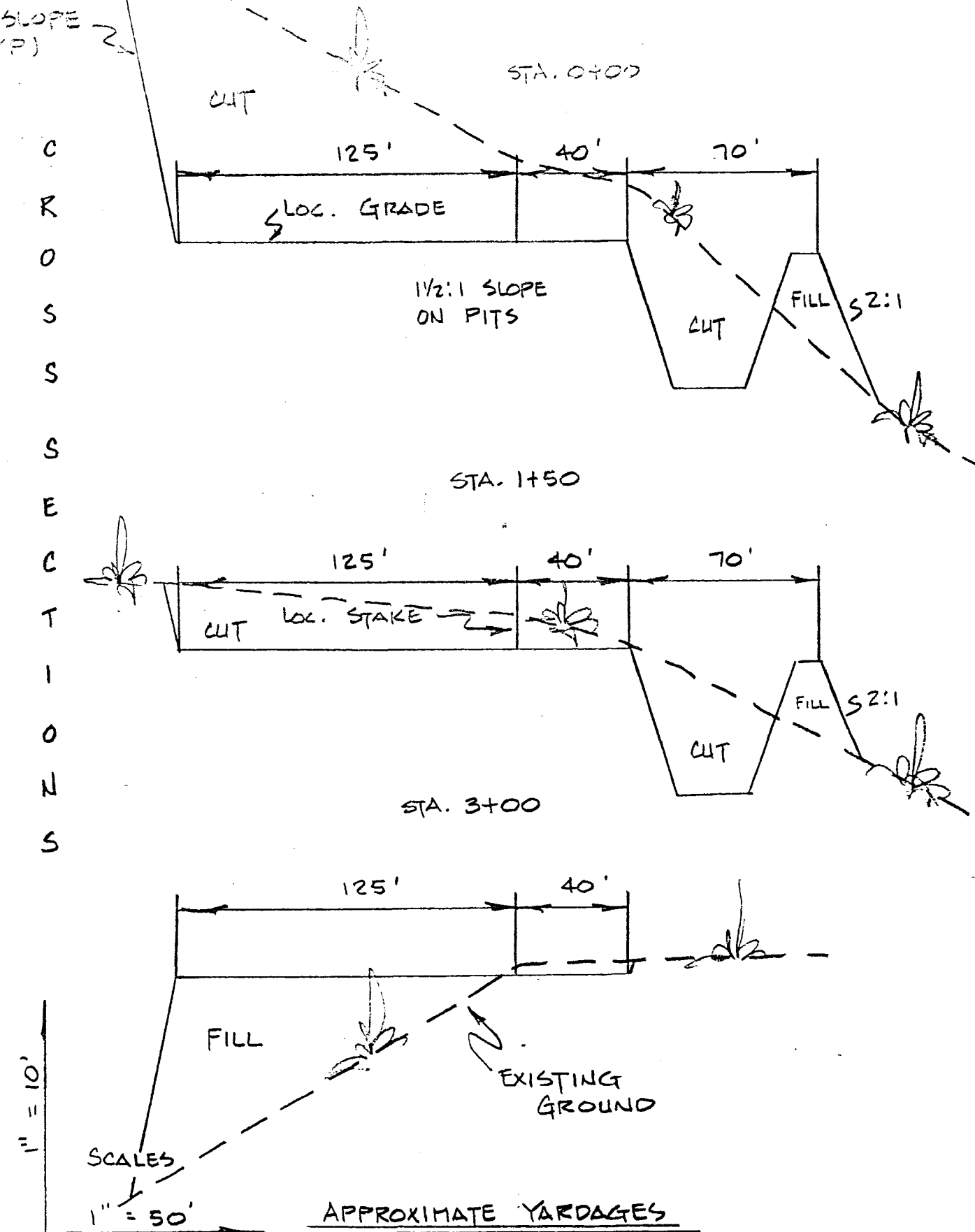
# IRON WOOD EXPLORATION

UTE TRIBAL # 12 - 11



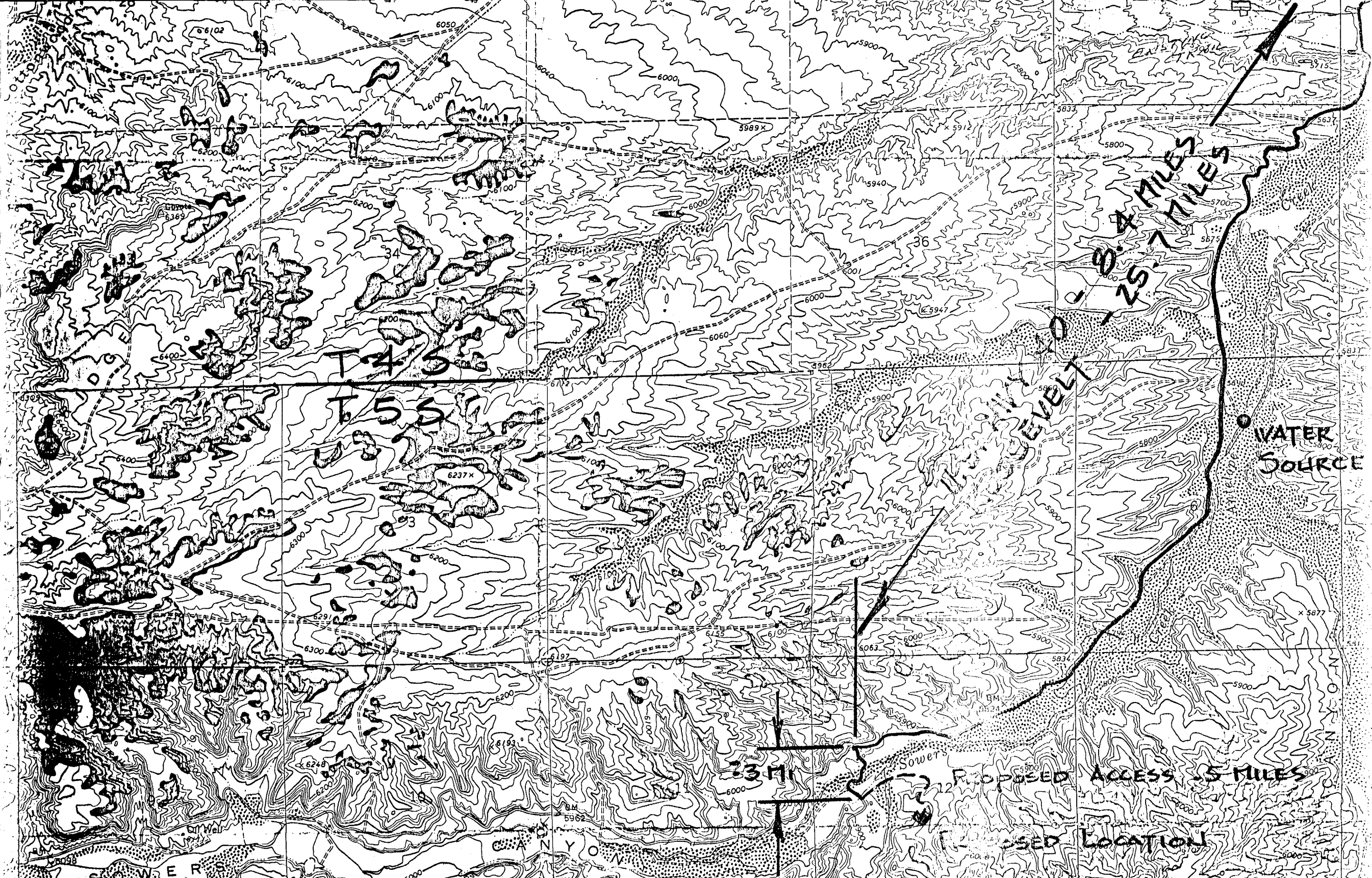
1/1 SLOPE (TYP)

CROSS SECTION



## APPROXIMATE YARDAGES

CU. YARDS CUT - 11,859  
 CU. YARDS FILL - 3,813  
 LOSSES AT 20% - 763  
 UNBALANCE OF - 7,283 CU. YDS. CUT





IRONWOOD EXPLORATION

UTE TRIBAL # 12-11

PROPOSED LOCATION


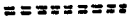
TOPO.

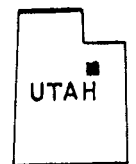
MAP "B"



SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, improved surface  Unimproved road fair or dry weather 



QUADRANGLE LOCATION

R  
4  
W  
R  
3  
W



Form 9-1123

KINIZEL'S, CARPENTER

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

**DESIGNATION OF OPERATOR**

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: BLM, 136 E. South Temple, University Club Bldg.,  
Salt Lake City, Utah 84111  
SERIAL NO.: 14-20-H62-3409

and hereby designates

NAME: Ironwood Exploration  
ADDRESS: 7069 South Highland Drive  
Salt Lake City, Utah 84121

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 4 West  
Section 12: NE $\frac{1}{4}$ SW $\frac{1}{4}$

Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

HUSKY OIL COMPANY

By: \_\_\_\_\_

(Signature of lessee)

H. R. Erkel, Attorney-in-Fact

6060 South Willow Drive  
Englewood, Colorado 80111

(Address)

November 7, 1983

(Date)

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City  
SERIAL No.: BIA-14-20- H62-3410

and hereby designates

NAME: IRONWOOD EXPLORATION, INC., A Texas Corporation  
ADDRESS: 3003 LBJ Freeway, Suite 129, Dallas, Texas 75234

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 4 West  
Section 12:  
Duchesne County, Utah


It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ENTERPRISE GAS COMPANY

BY:

  
(Signature of lessee)  
John V. Melcher, Vice Chairman

P. O. Box 4324, Houston, Texas 77210

(Address)

November 3, 1983

(Date)

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease  
Bureau of Indian Affairs, Uintah and Ouray Agency  
DISTRICT LAND OFFICE: Fort Duchesne, Utah 84026  
SERIAL No.: BIA Ute Tribal 14-20-H62-3409

and hereby designates

NAME: Ironwood Exploration, Inc.  
ADDRESS: 7069 South Highland Drive  
Salt Lake City, Utah 84121

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

NE/4 SW/4 Section 12, Township 5 South,  
Range 4 West, Uinta Meridian, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

EPX COMPANY

*D. N. Canfield*  
\_\_\_\_\_  
(Signature of lessee)

D. N. CANFIELD, Vice President

November 2, 1983  
\_\_\_\_\_  
(Date)

P. O. BOX 1492  
\_\_\_\_\_  
(Address)

El Paso, TX 79978

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City  
SERIAL No.: BIA-14-20 H62-3410

and hereby designates

NAME: IRONWOOD EXPLORATION INC., a Texas Corporation  
ADDRESS: 3003 LBJ Freeway, Suite 129, Dallas, Texas 75234

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 4 West  
Sections 12, 13, 23, 24, 25  
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.



(Signature of lessee)

R. D. Poindexter  
P. O. Box 1692  
Shreveport, Louisiana 71164

(Address)

October 10, 1983

(Date)

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City  
SERIAL No.: BIA-14-20-H62-3409

and hereby designates

NAME: Ironwood Exploration Inc., a Texas Corporation  
ADDRESS: 3003 LBJ Freeway, Suite 129, Dallas, Texas 75234

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 4 West

Section 12:  $N\frac{1}{2}N\frac{1}{2}$ ,  $SE\frac{1}{4}NE\frac{1}{4}$ ,  $E\frac{1}{2}SW\frac{1}{4}$ ,  $SW\frac{1}{4}SW\frac{1}{4}$ ,  $SE\frac{1}{4}$

Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

HORIZON OIL & GAS CO.

By: Curtis E. Calder, Jr.

(Signature of lessee)

Curtis E. Calder, Jr.  
President

P. O. Box 1020, Dallas, Texas 75221

(Address)

October 10, 1983

(Date)

SUPERVISOR, OIL AND GAS OPERATIONS:

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City  
SERIAL No.: BIA-14-20-H62-3409

and hereby designates

NAME: IRONWOOD EXPLORATION INC., a Texas Corporation  
ADDRESS: 3003 LBJ Freeway, Suite 129, Dallas, Texas 75234

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 5 SOUTH, RANGE 4 WEST  
Section 12: N/2N/2, SE/4NE/4, E/2SW/4,  
SW/4SW/4, SE/4

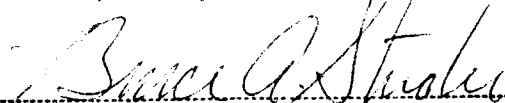
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

BURTON/HAWKS, INC.

  
.....

(Signature of lessee)

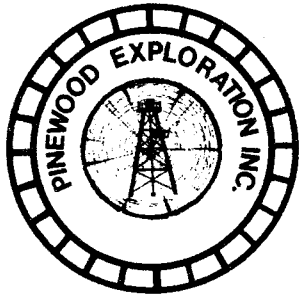
Bruce A. Studer, Vice President

September 30, 1983

(Date)

P. O. Box 359, Casper, Wyoming 82602

(Address)



September 23, 1983

STATE OF UTAH

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

Gentlemen:

This letter hereby authorizes Mr. Richard. D. Poulson to sign on the behalf of Ironwood Exploration, Inc. any documentations pertaining to filings required under your jurisdiction.

Very truly yours,  
IRONWOOD EXPLORATION, INC.

William H. Walton  
President

1895-11

RECORDED AT REQUEST OF

E. C. NO. 14-20-H62-3407

CONTRACT NO. 32

Burton/Hawes Inc.  
June 16 1976 1:30 pmForm 5-5439 424  
Book 144 MR 424

MAJOR V. B. BROWN

Recorder, Duchesne County, Utah

By Deputy

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

## OIL AND GAS MINING LEASE—TRIBAL INDIAN LANDS

THIS INDENTURE OF LEASE, made and entered into in quintuplicate this 30th day of January, 1976, by and between The Ute Indian Tribe, a Federal Corporation chartered under the Act of June 18, 1934 (48 Stat. 984) and the Ute Distribution Corporation, a Utah Corporation of Fort Duchesne and Roosevelt, respectively, State of Utah 84026, for and on behalf of the Ute Tribe of Indians, lessor, and The Ute Distribution Corporation, designated herein as lessors, and BURTON/HAWES, INC., P. O. Box 359 of Casper, State of Wyoming 82502, lessee:

## WITNESSETH

1. Lessor, in consideration of a cash bonus of \$ 6,633.60, paid to the payee designated by the Area Director, receipt of which is hereby acknowledged and in consideration of rents and royalties to be paid, and the covenants to be observed as herein set forth, does hereby grant and lease to the lessee the exclusive right and privilege to drill for, mine, extract, remove, and dispose of all the oil and natural gas deposits including helium gas, carbon dioxide gas, and sulphur gas in or under the following-described tracts of land situated in the county of Duchesne, State of Utah, and more particularly described as follows:

Township 5 South, Range 4 West, Uinta Meridian, Utah  
Section 12: N $\frac{1}{2}$ N $\frac{1}{2}$ , SE $\frac{1}{2}$ NE $\frac{1}{2}$ , E $\frac{1}{2}$ SW $\frac{1}{2}$ , SW $\frac{1}{2}$ SW $\frac{1}{2}$ , SE $\frac{1}{2}$

containing 480.00 acres more or less, together with the right to construct and maintain thereupon all works, buildings, plants, waterways, roads, telegraph and telephone lines, pipe lines, reservoirs, tanks, pumping stations, or other structures necessary to the full enjoyment hereof for the term of 10 years from and after the approval hereof by the Secretary of the Interior and as much longer thereafter as oil and/or gas is produced in paying quantities from said land.

2. The term "oil and gas supervisor" as employed herein shall refer to such officer or officers as the Secretary of the Interior may designate to supervise oil and gas operations on Indian lands. The term "superintendent" as used herein shall refer to the superintendent or other official in charge of the Indian Agency having jurisdiction over the lands leased.

3. In consideration of the foregoing, the lessee hereby agrees:

(a) Bond.—To furnish such bond as may be required by the regulations of the Secretary of the Interior, with satisfactory surety, or United States bonds as surety therefor, conditioned upon compliance with the terms of this lease.

(b) Wells.—(1) To drill and produce all wells necessary to offset or protect the leased land from drainage by wells on adjoining lands or lands of the lessor leased at a lower royalty rate, or in lieu thereof, to compensate the lessor in full each month for the estimated loss of royalty through drainage: *Provided*, That during the period of supervision by the Secretary of the Interior, the necessity for offset wells shall be determined by the oil and gas supervisor and payment in lieu of

(1)

(a) The lessee has no right under this lease to drill for, mine, extract, remove, or dispose of the oil shale, native asphalt, tar sands, solid and semi-solid bitumen and bituminous rock (including oil impregnated rock or sands from which oil is recoverable only by special treatment after the deposit is mined or quarried) in or under the above described tract of land.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form Approved.  
Budget Bureau No. 42-R1424

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well~~ <sup>proposals</sup>.)

1. oil ☒ gas ☐  
well well other

2. NAME OF OPERATOR  
Ironwood Exploration

3. ADDRESS OF OPERATOR 84121  
7069 So. Highland Drive, Salt Lake City, UT

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: Uinta Formation  
AT TOP PROD. INTERVAL: Green River  
AT TOTAL DEPTH: 6111'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input checked="" type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE

BIA 14-20-H62-3409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

BIA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

#12-11

10. FIELD OR WILDCAT NAME

Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR

AREA Sec 12, T5S, R4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

14. API NO.

43-013-30854

15. ELEVATIONS (SHOW DF, KDB, AND WD)

GL5917, DF5932, KB5933

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. Ran cement bon log and perf 5313-5328 1 SPF
2. Frac with 40,800 gallons gel 78,500# sd
3. Producing zone Lower Green River

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Richard M. Markey TITLE Consulting Geologist DATE January 23, 1984  
Richard M. Markey

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____
b. TYPE OF COMPLETION:					
NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Ironwood Exploration Inc.					
3. ADDRESS OF OPERATOR 7069 So. Highland Drive, #201, Salt Lake City, UT 84121					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Uinta Formation 2086 FSL + 2186 FWL At top prod. interval reported below Green River At total depth 6111' <span style="float:right">WESLW</span>					
14. PERMIT NO.		DATE ISSUED			
43-013-30854		11/10/83			
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)	
11-29-83		12-20-83		1-23-84	
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*		19. ELEV. CASINGHEAD			
GL5917, DF5932, KB5933					
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
6111' TVD					
23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE	
ALL		Lower Green River 5313-5328			
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual induction laterolog, compensated density-neutron, computed log,				27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well) CBL-CCL-GR					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	322.06	12 1/4	225 SX	
5 1/2	17#	6128.93	7 7/8	885 SX	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 7/8	5313				
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
5313-5328 1 SPF					
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
1-23-84		Pumping IMCU 1 1/2" x 5 RHBC		Producing 1-24-84	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
			60	TSTM	10
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
Consuming gas for engine use.					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Richard M. Markey</u>		TITLE <u>Consulting Geologist</u>		DATE <u>January 23, 1984</u>	
Richard M. Markey					

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 16:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS			
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION (SED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Lower Green River	5309	5330	SS-It gy tan wh VFG FG subang subrnd rtty	Green River	955	+4978
				Douglas Creek	4360	+1573
				Wasatch Trans.	5960	- 27



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 9, 1984

Ironwood Exploration Inc.  
7069 S Highland Dr #301  
Salt Lake City UT 84121

RE: Well No. 12-11  
API #43-013-30854  
2086 FSL, 2186 FWL NE/SW  
Sec. 12, T. 4S, R. 4W.  
Duchesne County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office January 23, 1984 on the above referred to well, indicates the following electric logs were run: DILL, CD/CN and Computed Log. As of today's date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgment should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones  
Well Records Specialist

CJ/cj

cc: Dianne R. Nielson, Director  
Ronald J. Firth, Associate Director

3240/7328

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other

2. NAME OF OPERATOR

Ironwood Exploration Co.

3. ADDRESS OF OPERATOR

P.O. Box 1656 Roosevelt, Utah 84066

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 2086' FSL, 2186' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐CHANGE ZONES ☐ABANDON\* ☐(other) Emergency pit5. CASE  
BIA 14-20-H62-34096. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Ute Tribal9. WELL NO.  
12-1110. FIELD OR WILDCAT NAME  
undesignated11. SEC., T., R., M., OR BLK. AND SURVEY OR  
AREA  
Sec 12, T5S, R4W12. COUNTY OR PARISH  
Duchesne13. STATE  
Utah14. API NO.  
43-013-3085415. ELEVATIONS (SHOW DF, KDB, AND WD)  
5917' G.L., 5932' D.F., 5933KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Ironwood is applying for permission to use as an emergency pit during workover procedures and other well operations a 10' X 10' pit that is located on the wellsite.

ACCEPTED  
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 9/21/84  
BY: John R. Bay

RECEIVED

SEP 19 1984

DIVISION OF OIL  
GAS & MINING

Set @ \_\_\_\_\_ Ft.

Federal approval of this action  
is required before commencing  
operations.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct

SIGNED MB Allen TITLE Agent for Ironwood DATE 9-18-84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
GEOLOGICAL SURVEY

(Of instructions on  
reverse side)

2

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></b> <b>2. NAME OF OPERATOR</b> Ironwood Exploration <b>3. ADDRESS OF OPERATOR</b> P.O. Box 1656 Roosevelt, Utah 84066 <b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*                  See also space 17 below.)</b> At surface 2086' FSL 2186' FWL <b>14. PERMIT NO.</b> 43-013-30854		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> BIA 14-20-H62-3409 <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> Ute <b>7. UNIT AGREEMENT NAME</b>  <b>8. FARM OR LEASE NAME</b> Ute Tribal <b>9. WELL NO.</b> 12-11 <b>10. FIELD AND POOL, OR WILDCAT</b> Undesignated <b>11. SEC., T., R., N., OR S., AND SURVEY OR AREA</b> Sec 12, T5S, R4W <b>12. COUNTY OR PARISH</b> Duchesne
<b>15. ELEVATIONS (Show whether BY, RT, GR, etc.)</b> 5917' GR.		

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

TEST WATER SHUT-OFF ☐

FULL OR ALTER CASING ☐

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOT OR ACIDIZE ☒

ABANDON\* ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT\* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) ☐

(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\***

Perforate well in the interval 5600'-05' with 4 SPF.

Break down perms using 25 bbls 5% KCL with clay stabilizers.

Swab well.

Frac well using 5000 gallons pad, 1500 gallons 2PP gallon 20/40 sand, 2000 gallons 4PP gallon sand, 2500 gallons 5PP gallon sand, 2500 gallons 6PP gallon sand and 2500 gallons 8PP gallon 20/40 sand.

Place well back on production.

Federal approval of this action is required before commencing operations.

**ACCEPTED**  
**APPROVED BY THE STATE**  
**OF UTAH DIVISION OF**  
**OIL, GAS, AND MINING**

DATE: 12/13/84

BY: *Robert K. Boye*

**18. I hereby certify that the foregoing is true and correct**

SIGNED *Ellen Lamm*

TITLE Office Manager/Cochrane Resources

DATE 12-3-84

(This space for Federal or State office use)

Agent for Ironwood Exploration

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Ironwood Exploration, Inc.		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 535 Gravier St. New Orleans, La. 70130		9. WELL NO. 12-11	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2086' FSL 2186' FWL		10. FIELD AND POOL, OR WILDCAT Undesignated	
14. PERMIT NO. 43-013-30854		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec 12 T5S R4W	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5917 GR		12. COUNTY OR PARISH 13. STATE Duchesne Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Set CIBP @ +/- 5300' (Perfs 5313'-5328')  
Cap CIBP with 6 sacks (+/- 50')

Spot 40 sack plug 2450'-2800'  
Spot 30 sack plug 250'-500'  
Spot 100' surface plug

Pump 25 sack plug down 5 1/2"-8 5/8" annulus (0'-150')

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 10-18-91

BY: J. M. Matthews

RECEIVED

OCT 15 1991

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Agent

DATE 9/17/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# GAVILAN PETROLEUM, INC.

3030 South Main, Suite 500  
Salt Lake City, UT 84115  
(801) 466-8960

August 4, 1992

Utah Natural Resource  
Oil, Gas, & Mining  
55 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City UT 84180-1203

Attn: Lisha Romero

RE: Ute Tribal 12-11, API # 43-013-30854, Entity 09103

*Sec 12 TSS R4W*

Dear Lisha:

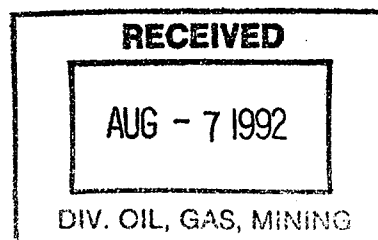
Per our conversation today, Gavilan Petroleum, Inc. has taken over operations of wells formerly owned by Ironwood Exploration, Inc. Information provided to me by Vernon Main (Ironwood Exploration) indicates that the above referenced well was cancelled by the Bureau of Land Management/Ute Tribe, effective January 31, 1992.

So far as I know the well is shut in, although I have no incoming documentation to support that. I will continue to report the well as shut in on the Monthly Oil and Gas Production Report until such time as the Bureau of Land Management acknowledges that the well has been taken over by the Tribe.

Sincerely,



Bob Jewett





Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File \_\_\_\_\_

☐ Suspense \_\_\_\_\_

☒ Other \_\_\_\_\_

OPER FILE

ADDRESS CHANGE

(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_

(Return Date) \_\_\_\_\_

(To - Initials) \_\_\_\_\_

(API No.) \_\_\_\_\_

1. Date of Phone Call: 8-4-92 Time: 9:30

2. DOGM Employee (name) L. ROMERO (Initiated Call ☒  
Talked to:

Name BOB JEWITT (Initiated Call ☐ - Phone No. (801 )466-8960

of (Company/Organization) GAVILAN PETROLEUM INC (N2275)

3. Topic of Conversation: IRONWOOD EXPLORATION INC. (N9270)

4. Highlights of Conversation: \_\_\_\_\_

GAVILAN PETRO. IS IN THE PROCESS OF PURCHASING WELLS FROM IRONWOOD EXPLOR.

THEY HAVE PURCHASED 2 OF THE 5 WELLS CURRENTLY LISTED ON IRONWOOD'S TURNAROUND

REPORT. HOWEVER, A FORMAL OPERATOR CHANGE HAS NOT OCCURED. MR JEWITT CLAIMS

THAT IRONWOOD IS PLANNING TO FILE BANKRUPTCY AND HAS AGREED TO ALLOW GAVILAN TO

FILE PRODUCTION & DISPOSITION REPORTS TO DOGM UNTIL ALL SALES & OPERATOR CHANGE

OCCURS. MR JEWITT REQUESTED THAT DOGM SEND REPORTS TO THEIR ADDRESS, AND

UNDERSTANDS THAT WE WILL NOT BE CHANGING OPERATORSHIP FROM IRONWOOD UNTIL THE

BIA/BLM APPROVES SUCH CHANGE.

\*GAVILAN HAS BEEN REPORTING PROD & DISP SINCE MARCH 1992 PER VLC.

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File \_\_\_\_\_

☐ Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

☒ Other  
DESIG. OF AGENT \_\_\_\_\_

(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_  
(API No.) \_\_\_\_\_

1. Date of Phone Call: 8-24-92 Time: 10:12

2. DOGM Employee (name) L. ROMERO (Initiated Call ☒  
Talked to: \_\_\_\_\_

Name VERNON MAIN JR (Initiated Call ☐ - Phone No. (504) 244-1490

of (Company/Organization) N9270-IRONWOOD EXPLORATION INC.

3. Topic of Conversation: DESIG. OF AGENT TO GAVILAN PETROLEUM INC.

4. Highlights of Conversation: \_\_\_\_\_

\*MSG LEFT ON ANSWERING MACHINE

\*920827/10:30

MR. MAIN CONFIRMED THAT GAVILAN PETROLEUM IS IN THE PROCESS OF OBTAINING APPROVAL  
FROM THE BIA TO OPERATE INDIAN LEASE WELLS CURRENTLY UNDER IRONWOOD EXPLOR.  
NO FORMAL APPROVALS HAVE BEEN OBTAINED AS OF YET. HE REQUESTED THAT DOGM SEND  
MONTHLY PROD & DISP REPORTS TO GAVILAN AT THEIR ADDRESS, AND UNDERSTANDS THAT  
IRONWOOD EXPLOR IS STILL THE OPERATOR "UNTIL APPROVAL FROM BIA HAS BEEN GRANTED".  
HE WILL SUBMIT SUNDRIES/APPROVALS AS SOON AS HE RECEIVES THEM. HE ALSO INDICATED  
THAT GAVILAN IS TRYING TO OBTAIN BOND COVERAGE FOR THE 12-5/43-013-30885 WELL  
LOCATED ON "FEE" LAND, AND THE 25-6/43-013-31202 WIW WELL. HE WILL KEEP US  
INFORMED.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- <del>LCR</del> / GIL	<input checked="" type="checkbox"/>
2- <del>DTB</del> / S7- <del>LCR</del>	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJF	<input checked="" type="checkbox"/>
5-RWM	<input checked="" type="checkbox"/>
6-ADA	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ~~XXX~~ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-4-92)

TO (new operator)	<u>IRONWOOD EXPLORATION INC</u>	FROM (former operator)	<u>IRONWOOD EXPLORATION INC.</u>
(address)	<u>C/O GAVILAN PETROLEUM INC</u>	(address)	<u>535 GRAVIER ST</u>
	<u>3030 S MAIN STE 500</u>		<u>NEW ORLEANS LA 70130</u>
	<u>SALT LAKE CITY UT 84115</u>		<u>VERNON MAIN JR</u>
phone ( <u>801</u> )	<u>466-8960</u>	phone ( <u>504</u> )	<u>568-1249</u>
account no. <u>N 9270(A)</u>		account no. <u>N 9270</u>	

Well(s) (attach additional page if needed):

Name: <u>IRONWOOD-GULF FOY 12-5</u>	API: <u>43-013-30885</u>	Entity: <u>9101</u>	Sec <u>12</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>FEE</u>
Name: <u>UTE TRIBAL 23-3/GRRV</u>	API: <u>43-013-30886</u>	Entity: <u>9102</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 12-11/GRRV</u>	API: <u>43-013-30854</u>	Entity: <u>9103</u>	Sec <u>12</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 25-5/GRRV</u>	API: <u>43-013-30944</u>	Entity: <u>9105</u>	Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 25-2/GRRV</u>	API: <u>43-013-31213</u>	Entity: <u>9105</u>	Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>*UTE TRIBAL 25-6/GRRV</u>	API: <u>43-013-31202</u>	Entity: <u>9105</u>	Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>*WIW</u>	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- \* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Phone doc. 8-27-92)
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 8-7-92) (Phone doc. 8-4-92)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-27-92)
- See 6. Cardex file has been updated for each well listed above. (8-27-92)
- See 7. Well file labels have been updated for each well listed above. (8-27-92)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-27-92)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Set 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

*(Designation of Agent - Not an operator change)*

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- Set 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *Lease not sold or transferred* DS
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: Sept 17 19 92

## FILING

- Set 1. Copies of all attachments to this form have been filed in each well file.
- Set 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

920807 BIA/Bhm Not approved as of yet. Operator still Ironwood Explor. Inc.



## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• GAVILAN PETROLEUM INC  
IRONWOOD EXPLORATION INC  
3030 S MAIN STE 500  
SALT LAKE CITY UT 84115

Utah Account No. N9270

Report Period (Month/Year) 11 / 92

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
IRONWOOD-GULF-FOY 12-5							
4301330885 09101 05S 04W 12			GRRV				
UTE TRIBAL 23-3							
4301330886 09102 05S 04W 23			GRRV				
UTE TRIBAL 12-11							
4301330854 09103 05S 04W 12			GRRV				
UTE TRIBAL 25-5							
4301330944 09105 05S 04W 25			GRRV				
UTE TRIBAL 25-2							
4301331213 09105 05S 04W 25			GRRV				
*UTE Tribal 25-6					*W1W		
4301331202 9105 5S 4W 25			GRRV				
TOTAL							

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_

# GAVILAN PETROLEUM, INC.

3030 South Main, Suite 500  
Salt Lake City, UT 84115  
(801) 466-8960

December 15, 1992

Utah Natural Resource  
Oil, Gas, & Mining  
55 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City UT 84180-1203

Attn: Lisha Romero

RE: Production Reporting, Ironwood Exploration, Inc. Wells

Per our conversation yesterday, let this letter serve as notice that Gavilan Petroleum, Inc. will no longer be providing monthly reports of production on behalf of Ironwood Exploration, Inc. Gavilan Petroleum, Inc. provided reports through the production month of September, 1992, and it will be the responsibility of Ironwood Exploration, Inc. to report from October, 1992, forward.

If you should need anything further from me please let me know.

Sincerely,

  
Bob Jewett

RECEIVED

DEC 16 1992

DIVISION OF  
OIL GAS & MINING

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1- TCR / GIL	<input checked="" type="checkbox"/>
2- DES 7-10R	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- ADA	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.  
(Initial each listed item when completed. Write N/A if item is not applicable.)

- ☐ Change of Operator (well sold)  
☐ Designation of Operator

~~XXX~~ Designation of Agent / CANCELLED  
☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-01-92)

TO (new operator) IRONWOOD EXPLORATION INC  
(address) 535 GRAVIER ST  
NEW ORLEANS, LA 70130  
VERNON MAIN JR  
phone ( 504 ) 568-1249  
account no. N 9270

FROM (former operator) IRONWOOD EXPLORATION INC  
(address) C/O GAVILAN PETROLEUM INC  
3030 S MAIN STE 500  
SALT LAKE CITY, UT 84115  
phone ( 801 ) 466-8960  
account no. N 9270(A)

Well(s) (attach additional page if needed):

Name: <u>IRONWOOD-GULF FOY 12-5</u>	API: <u>43-013-30885</u>	Entity: <u>9101</u>	Sec <u>12</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>FEE</u>
Name: <u>UTE TRIBAL 23-3/GRRV</u>	API: <u>43-013-30886</u>	Entity: <u>9102</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 12-11/GRRV</u>	API: <u>43-013-30854</u>	Entity: <u>9103</u>	Sec <u>12</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 25-5/GRRV</u>	API: <u>43-013-30944</u>	Entity: <u>9105</u>	Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL 25-2/GRRV</u>	API: <u>43-013-31213</u>	Entity: <u>9105</u>	Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>*UTE TRIBAL 25-6/GRRV</u>	API: <u>43-013-31202</u>	Entity: <u>9105</u>	Sec <u>25</u> Twp <u>5S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>*WIW</u>	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 12-16-92)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 12-21-92 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(12-21-92) \* Deleted alternate address for Ironwood from screen # 53.*
- 12-21-92 6. Cardex file has been updated for each well listed above. *(12-21-92)*
- 12-21-92 7. Well file labels have been updated for each well listed above. *(12-21-92)*
- 12-21-92 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(12-21-92)*
- 12-21-92 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only) *\* Not an operator change / Agent only!*

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILED

1. All attachments to this form have been microfilmed. Date: Jan 4 1993.

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

921221 Gavilan Petroleum Inc. no longer acting as Agent for Ironwood Explor. Inc.  
(Operator has remained Ironwood Explor. Inc.)



FORM 8

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

IRONWOOD EXPLORATION, INC.

3. Address and Telephone Number:

210 Oil &amp; Gas Building, New Orleans, LA 70112

4. Location of Well

Footages: 2086' FSL 2186' FWL

OO, Sec., T., R., M.:

5. Lease Designation and Serial Number:

BIA 14-20-H62-3409

6. If Indian, Allocated or Tribe Name:

UTE

7. Unit Agreement Name:

8. Well Name and Number:

12-11

9. API Well Number:

43-013-30854

10. Field and Pool, or Wildcat:

Brundage Canyon

County: Duchesne

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit in Duplicate)

☒ Abandonment☐ Casing Repair☐ Change of Plans☐ Conversion to Injection☐ Fracture Treat☐ Multiple Completion☐ Other☐ New Construction☐ Pull or Alter Casing☐ Recompletion☐ Shoot or Acidize☐ Vent or Flare☐ Water Shut-Off

Approximate date work will start

## SUBSEQUENT REPORT

(Submit Original Form Only)

☐ Abandonment☐ Casing Repair☐ Change of Plans☐ Conversion to Injection☐ Fracture Treat☐ Other☐ New Construction☐ Pull or Alter Casing☐ Shoot or Acidize☐ Vent or Flare☐ Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Set CIBP @ +/- 5300' (Perfs 5313' - 5328')

Cap CIBP with 6 sacks (+/- 50')

Spot 40 sack plug 2450' - 2800'

Spot 30 sack plug 250' - 500'

Spot 100' surface plug

Pump 25 sack plug down 5 1/2" - 8 5/8" annulus (0' - 150')

13.

Name &amp; Signature:

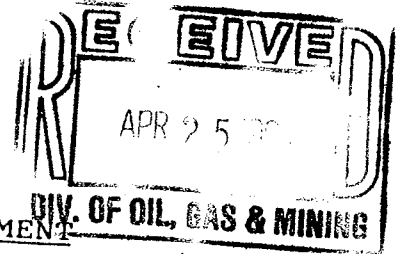
Vernon Main

Title:

President

Date: 4/13/94

(This space for State use only)



CONDITIONS OF APPROVAL FOR WELL ABANDONMENT

Company Ironwood Exploration Location NESW, Sec. 12, T5S, R4W  
Well No. Ute Tribal 12-11 Lease No. 14-20-H62-3409

A COPY OF THESE CONDITIONS SHOULD BE GIVEN TO  
YOUR FIELD REPRESENTATIVE TO ENSURE COMPLIANCE

1. This office will be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation. If time permits, please try to notify this office at least 24 hours in advance of rigging up.
2. Upon completion of the approved plugging program, erect the regulation marker in accordance with 43 CFR 3162.6(b) and clean up the site. The marker should not be less than 4 inches in diameter and extend approximately 4 feet above recontoured surface level. Heap up the dirt around the base of the marker about 18 inches to take care of any settling of the cellar. The top of the marker will be closed or capped, and the bottom of the marker will be placed in the top cement plug or welded to or through a 1/4 inch steel plate which is welded onto the cut-off surface casing. Pits must be fenced unless approved otherwise by the authorized officer.
3. The following minimum information will be permanently and legibly placed on the marker with a plate, cap or welded bead:
  - A. Name of the operator.
  - B. Lease serial number.
  - C. Well number.
  - D. Surveyed description of the well; section, township and range and either footages or quarter-quarter section.
4. Within 30 days after well bore plugging operations have been completed, Form 3160-5 (formerly Form 9-331), Subsequent Report of Abandonment, will be submitted to this office. The report must show the location of all plugs or any mechanical setting device, quantity and type of cement and additives in each plug, amount of casing or any tubulars left in the hole, methods used to test plugs and test results, and the status of the surface restoration. If a temporary delay in the removal of equipment or surface cleanup is deemed necessary, so justify in your report. This abandonment report will be approved by this office by this office with surface stipulations. Liability for the well shall not be released until the surface management agency approves the actual site rehabilitation.

## GEOLOGIC EVALUATION

### FOR

### PLUG AND ABANDONMENT

OPERATOR: IRONWOOD EXPLORATION      SERIAL/LEASE NO.: 14-20-H62-3409  
WELL NO.: UTE TRIBAL 12-11      KB: 5,933'      TD: 6,111'  
LOCATION: NESW, 12, T5S, R4W      PROD FM(S): GRN RIVER (OIL)  
FIELD : BRUNDAGE CANYON

#### 1. STRATIGRAPHY (Surface formation and penetrated formation tops.)

FORMATION/MEMBER	DEPTH (ft)	RESOURCE POT.	LOG INTERVAL (ft)
UINTA FM	SURFACE	WATER	SURF -1,328'
GREEN RIVER FM	1,328'	OIL/GAS/WATER	1,328-6,018'
MAHOGANY	2,828'	OIL SHALE	2,818-2,928'
L1	2,983'	OIL SHALE	2,983-3,063'
DOUGLAS CREEK	4,468'	WATER	4,468-4,718'
WASATCH FM	6,018'	OIL/GAS/WATER	6,018-TD

#### 2. PERFORATIONS/ PRODUCING INTERVALS.

IP: 60 BOPD, 10 BWP, GTSTM

PRODUCING INTERVAL(S): 5,313-5,328 (LWR GRN RIVER)

PERFORATIONS/ACIDIZED INTERVALS: SAME AS PRODUCING INTERVAL

#### 3. RECOMMENDATIONS

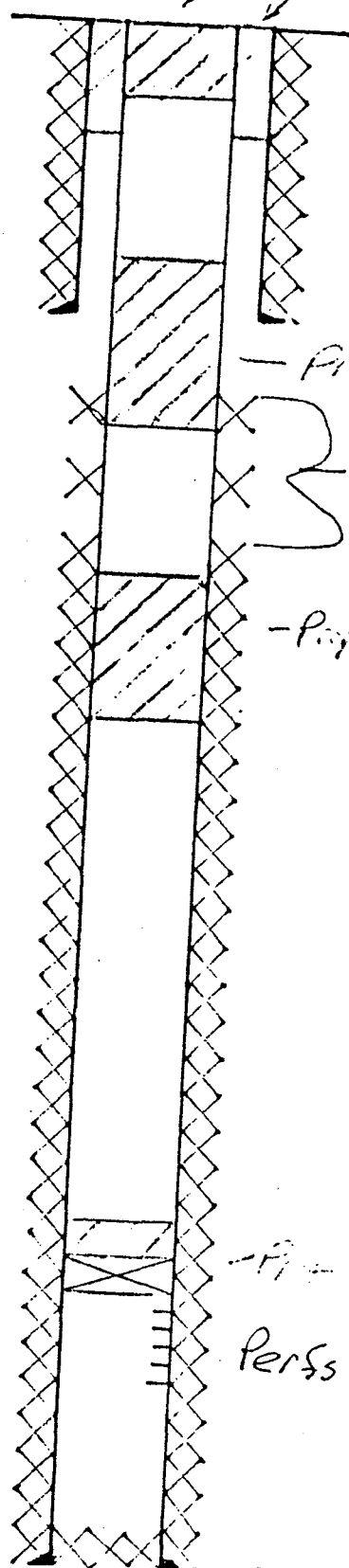
THE EXISTING CASING CEMENT AND PROPOSED P&A PROCEDURE SHALL BE ADEQUATE TO COVER FORMATION CONTACTS, USABLE WATER ZONES, THE PERFORATED ZONES/PRODUCED INTERVALS AND THE OIL SHALE ZONES (MAHOGANY, L1).

SIGNATURE: \_\_\_\_\_

*Tim Dwyer*

DATE: 4/25/92.

22-141 50 SHEETS  
 22-142 100 SHEETS  
 22-144 200 SHEETS



12 1/4 hole → 8 5/8" 2 1/2" @ 322 cmt w/ 225 SXS  
 cmt to surface

Proposed 30 ft plug from ±

EST TOC @ ±390-1820 ft

Proposed max plug from 2450-2500 ft

7 7/8 hole → 5 1/2" 17" @ 6129 cmt w/ 845 SXS

EST TOC	% fill
390	100
676	95
962	90
1248	85
1534	80
1820	75

- Perfs 5313-5328  
 - Perfs 5313-5328

TD-6111

# HYDROLOGIC EVALUATION

## FOR

### PLUG AND ABANDONMENT

OPERATOR: IRONWOOD EXPLORATION      SERIAL/LEASE NO.: 14-20-H62-3409  
WELL NO.: UTE TRIBAL 12-11      KB: 5,933'      TD: 6,111'  
LOCATION: NESW, 12, T5S, R4W      PROD FM(S): GRN RIVER (OIL)  
FIELD : BRUNDAGE CANYON

#### 1. SUBSURFACE GROUNDWATER RESOURCES.

FM TOP	AQUIFER (FM/MBR)	INTERVAL	QUALITY
SURFACE	UINTA FM	0- 150'	FRSH-MOD SALINE *U
		150-1,328'	SALINE
1,328'	GREEN RIVER FM	1,328- 6,018'	SALINE
	DOUGLAS CREEK	4,468-4,718'	SALINE
6,018'	WASATCH FM	6,018-TD	SALINE

BASE OF MODERATELY SALINE WATER (TDS, 10,000 PPM) = 150'

\* USEABLE WATER (TDS < 10,000 PPM)

#### 2. RECOMMENDATIONS.

THE CASING CEMENT AND P&A PROCEDURE AS PROPOSED SHALL BE ADEQUATE  
TO PROTECT USABLE GROUND WATER FROM SALINE GROUND WATERS.

SIGNATURE: \_\_\_\_\_

*Tim Chynell*

DATE: 4/25/92.

5. If not previously filed, submit in duplicate, Form 3160-4 (formerly Form 9-330), Well completion or Recompletion Report and Log, well history, electric logs, any other surveys, and , if taken, core analysis. This completion report must be filed within 30 days after the culmination of downhole plugging operations.

6. The Bureau of Land Management District Office address is:

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

(801) 789-1362

7. For downhole concerns or approvals contact:

Ed Forsman  
Staff Engineer  
Work: (801) 789-1362  
Home: (801) 789-7077

Jerry Kenczka  
Staff Engineer  
Work: (801) 789-1362  
Home: (801) 781-1190

8. For surface concerns contact the respective Resource Area Minerals Staff specified in the Surface Rehabilitation Conditions of Approval.

Well No. Ute Tribal 12-11  
Lease 14-20-H62-3409  
Duchesne County, Utah

DOWNHOLE REQUIREMENTS  
CONDITIONS OF APPROVAL

The Vernal District Petroleum Engineers have reviewed your proposal for technical adequacy and concur with the downhole portion providing the following stipulations are included in the procedure.  
-----

1. Prior to perforating any casing string, adequate BOPs, lubricators, and controls will be installed and function tested.
2. If paraffin or scale deposits are detected while pulling the tubing or any other production equipment out of the wellbore, hot water treatments and/or scraper runs will be conducted before placing any cement plugs.
3. All cement used for plugs shall meet the minimum physical requirements specified in API Specification 10 unless prior approval is obtained from the authorized officer.
4. The proposed plug from  $\pm$  250 - 500 ft. needs to include the 5 1/2 in. X 7 7/8 in. and 5 1/2 in. X 8 5/8 in. annulus.
5. It will be left to the discretion of the BLM representative on location while plugging as to whether or not any of the plugs will need to be tagged.
6. Notify the Vernal District Office of the BLM at least 24 hours prior to initiating the plugging procedure.

FORM 8

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

IRONWOOD EXPLORATION, INC.

3. Address and Telephone Number:

210 Oil &amp; Gas Building, New Orleans, LA 70112

4. Location of Well

Footages: 2086' FSL 2186' FWL

OO, Sec., T., R., M.:

5. Lease Designation and Serial Number:

BIA 14-20-H62-3409

6. If Indian, Allottee or Tribe Name:

UTE

7. Unit Agreement Name:

8. Well Name and Number:

12-11

9. API Well Number:

43-013-30854

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Brundage Canyon

County: Duchesne

State: Utah

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(Submit in Duplicate)

☒ Abandonment☐ Casing Repair☐ Change of Plans☐ Conversion to Injection☐ Fracture Treat☐ Multiple Completion☐ Other☐ New Construction☐ Pull or Alter Casing☐ Recompletion☐ Shoot or Acidize☐ Vent or Flare☐ Water Shut-Off

Approximate date work will start

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(Submit Original Form Only)

☐ Abandonment☐ Casing Repair☐ Change of Plans☐ Conversion to Injection☐ Fracture Treat☐ Other☐ New Construction☐ Pull or Alter Casing☐ Shoot or Acidize☐ Vent or Flare☐ Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

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Set CIBP @ +/- 5300' (Perfs 5313' - 5328')  
Cap CIBP with 6 sacks (+/- 50')Spot 40 sack plug 2450' - 2800'  
Spot 30 sack plug 250' - 500'  
Spot 100' surface plug

Pump 25 sack plug down 5 1/2" - 8 5/8" annulus (0' - 150')

13.

Name &amp; Signature:

Vernon Main

Title:

President

Date: 4/13/94

(This space for State use only)



CONDITIONS OF APPROVAL FOR WELL ABANDONMENT

Company Ironwood Exploration Location NESW, Sec. 12, T5S, R4W  
Well No. Ute Tribal 12-11 Lease No. 14-20-H62-3409

A COPY OF THESE CONDITIONS SHOULD BE GIVEN TO  
YOUR FIELD REPRESENTATIVE TO ENSURE COMPLIANCE

1. This office will be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation. If time permits, please try to notify this office at least 24 hours in advance of rigging up.
2. Upon completion of the approved plugging program, erect the regulation marker in accordance with 43 CFR 3162.6(b) and clean up the site. The marker should not be less than 4 inches in diameter and extend approximately 4 feet above recontoured surface level. Heap up the dirt around the base of the marker about 18 inches to take care of any settling of the cellar. The top of the marker will be closed or capped, and the bottom of the marker will be placed in the top cement plug or welded to or through a 1/4 inch steel plate which is welded onto the cut-off surface casing. Pits must be fenced unless approved otherwise by the authorized officer.
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  - B. Lease serial number.
  - C. Well number.
  - D. Surveyed description of the well; section, township and range and either footages or quarter-quarter section.
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GEOLOGIC EVALUATION

FOR

PLUG AND ABANDONMENT

OPERATOR: IRONWOOD EXPLORATION      SERIAL/LEASE NO.: 14-20-H62-3409  
WELL NO.: UTE TRIBAL 12-11      KB: 5,933'      TD: 6,111'  
LOCATION: NESW, 12, T5S, R4W      PROD FM(S): GRN RIVER (OIL)  
FIELD : BRUNDAGE CANYON

1. STRATIGRAPHY (Surface formation and penetrated formation tops.)

FORMATION/MEMBER	DEPTH (ft)	RESOURCE POT.	LOG INTERVAL (ft)
UINTA FM	SURFACE	WATER	SURF -1,328'
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2. PERFORATIONS/ PRODUCING INTERVALS.

IP: 60 BOPD, 10 BWP, GTSTM

PRODUCING INTERVAL(S): 5,313-5,328 (LWR GRN RIVER)

PERFORATIONS/ACIDIZED INTERVALS: SAME AS PRODUCING INTERVAL

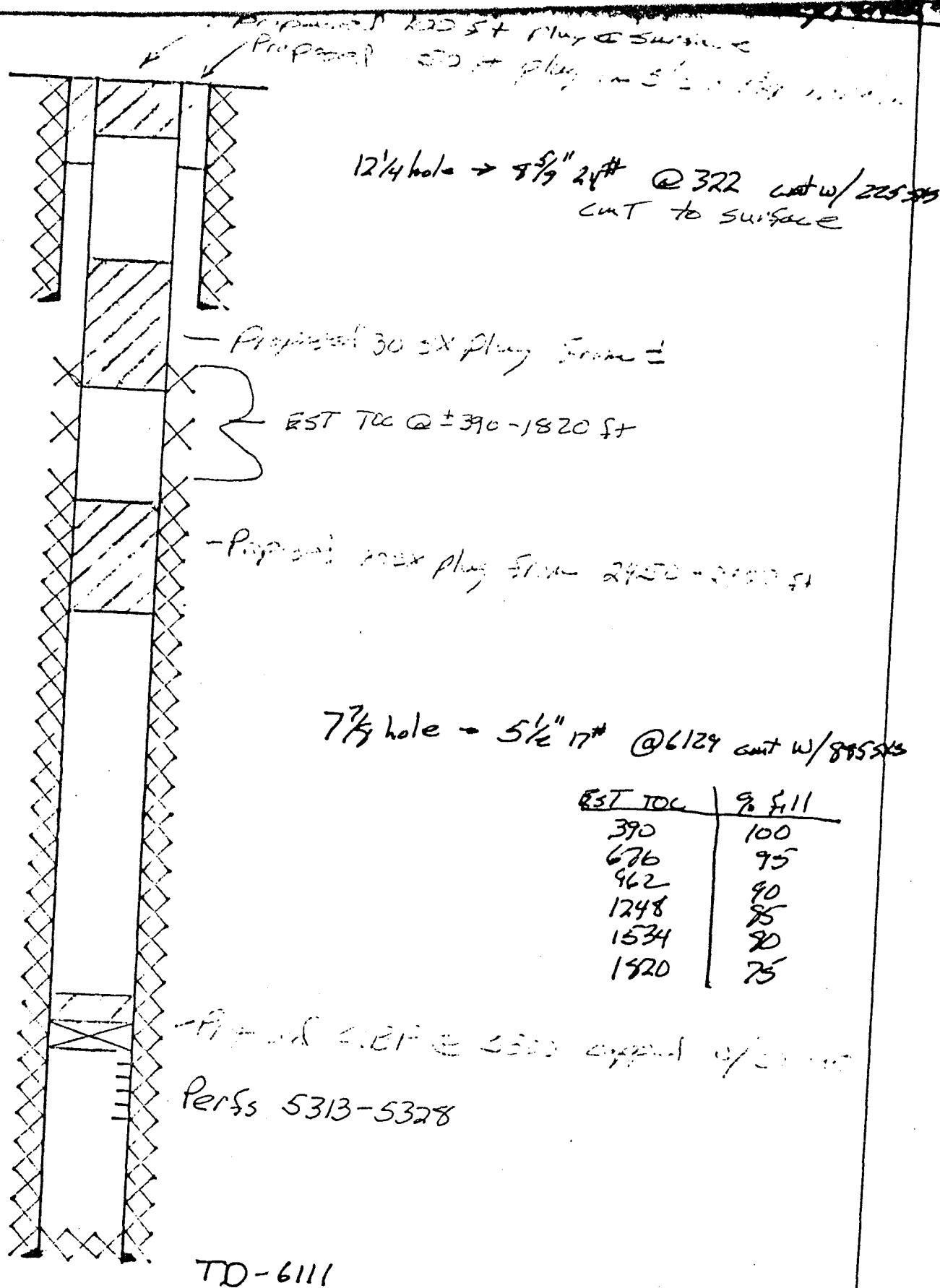
3. RECOMMENDATIONS

THE EXISTING CASING CEMENT AND PROPOSED P&A PROCEDURE SHALL BE ADEQUATE TO COVER FORMATION CONTACTS, USABLE WATER ZONES, THE PERFORATED ZONES/PRODUCED INTERVALS AND THE OIL SHALE ZONES (MAHOGANY, L1).

SIGNATURE: \_\_\_\_\_

*Tim Dwyer*

DATE: 4/25/92.



# HYDROLOGIC EVALUATION

## FOR

### PLUG AND ABANDONMENT

OPERATOR: IRONWOOD EXPLORATION      SERIAL/LEASE NO.: 14-20-H62-3409  
WELL NO.: UTE TRIBAL 12-11      KB: 5,933'      TD: 6,111'  
LOCATION: NESW, 12, T5S, R4W      PROD FM(S): GRN RIVER (OIL)  
FIELD : BRUNDAGE CANYON

#### 1. SUBSURFACE GROUNDWATER RESOURCES.

FM TOP	AQUIFER (FM/MBR)	INTERVAL	QUALITY
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BASE OF MODERATELY SALINE WATER (TDS, 10,000 PPM) = 150'

\* USEABLE WATER (TDS < 10,000 PPM)

#### 2. RECOMMENDATIONS.

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SIGNATURE: \_\_\_\_\_

*Tim Hywell*

DATE: 4/25/92.

5. If not previously filed, submit in duplicate, Form 3160-4 (formerly Form 9-330), Well completion or Recompletion Report and Log, well history, electric logs, any other surveys, and, if taken, core analysis. This completion report must be filed within 30 days after the culmination of downhole plugging operations.

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(801) 789-1362

7. For downhole concerns or approvals contact:

Ed Forsman  
Staff Engineer  
Work: (801) 789-1362  
Home: (801) 789-7077

Jerry Kenczka  
Staff Engineer  
Work: (801) 789-1362  
Home: (801) 781-1190

8. For surface concerns contact the respective Resource Area Minerals Staff specified in the Surface Rehabilitation Conditions of Approval.

Well No. Ute Tribal 12-11  
Lease 14-20-H62-3409  
Duchesne County, Utah

DOWNHOLE REQUIREMENTS  
CONDITIONS OF APPROVAL

The Vernal District Petroleum Engineers have reviewed your proposal for technical adequacy and concur with the downhole portion providing the following stipulations are included in the procedure.  
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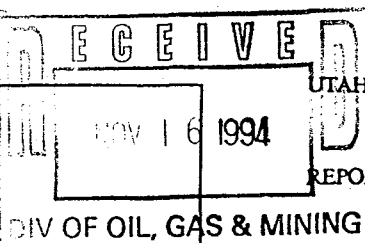
1. Prior to perforating any casing string, adequate BOPs, lubricators, and controls will be installed and function tested.
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5. It will be left to the discretion of the BLM representative on location while plugging as to whether or not any of the plugs will need to be tagged.
6. Notify the Vernal District Office of the BLM at least 24 hours prior to initiating the plugging procedure.

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

UTAH ACCOUNT NUMBER: N9270

VERNON MAIN JR  
✓ IRONWOOD EXPLORATION INC  
210 OIL & GAS BLDG  
NEW ORLEANS LA 70112



REPORT PERIOD (MONTH/YEAR): 04/94

AMENDED REPORT ☐ (Highlight Changes)

Well Name	Producing Zone	Well Status	Days Oper	Production Volumes		
API Number      Entity      Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
IRONWOOD-GULF-FOY 12-5	GRRV	PA	10/28	94 ✓ (+)		
4301330885 09101 05S 04W 12	GRRV					
UTE TRIBAL 23-3	GRRV					
4301330886 09102 05S 04W 23	GRRV					
UTE TRIBAL 12-11	GRRV	PA	10/26	94 ✓ (*)		
4301330854 09103 05S 04W 12	GRRV					
UTE TRIBAL 25-5 *	GRRV	POW	30	20	25	0
4301330944 09105 05S 04W 25	GRRV					
UTE TRIBAL 25-2 *	GRRV	POW	30	179	25	30
4301331213 09105 05S 04W 25	GRRV					
Ute Tribal 25-6 *	Injection well.					
<b>TOTALS</b>				199	50	30

COMMENTS:

Pluggings confirmed by Plugging companies (provided dates).  
No paperwork available from operator - DTS 11/17

hereby certify that this report ~~is~~ true and complete to the best of my knowledge.

Date: 11/14/94

Time and Signature:

Telephone Number: (504) 244-1490